Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085114.D
Acq On : 2 Mar 2016 12:47
Operator : SJ/IZ
Sample : PB88622BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88622BS

Manual Integrations APPROVED
UMANGI
3/3/2016 2:05:25 PM

Quant Time: Mar 03 11:27:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	175969	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	754484	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	343155	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	639071	20.00	ng		0.00
75) Chrysene-d12	14.15	240	534953	20.00	ng		0.00
86) Perylene-d12	15.63	264	426387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1273097	117.45	ng		0.01
7) Phenol-d6	6.61	99	1812355	127.54	ng		0.00
23) Nitrobenzene-d5	7.56	82	1196780	84.39	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	538463	156.14	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1715274	73.62	ng		0.00
78) Terphenyl-d14	13.10	244	1804663	79.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	176601	32.88	ng		99
3) Pyridine	3.54	79	549137	39.83	ng		98
4) n-Nitrosodimethylamine	3.50	42	253974	40.49	ng		95
6) Aniline	6.65	93	484505	24.03	ng		100
8) 2-Chlorophenol	6.78	128	521058	41.71	ng		85
9) Benzaldehyde	6.54	77	199478	26.14	ng		87
10) Phenol	6.62	94	589946	37.11	ng		86
11) bis(2-Chloroethyl)ether	6.72	93	487692	38.69	ng		94
12) 1,3-Dichlorobenzene	6.93	146	521836m	38.89	ng		
13) 1,4-Dichlorobenzene	7.01	146	555152	40.59	ng		95
14) 1,2-Dichlorobenzene	7.17	146	503726m	41.83	ng		
15) Benzyl Alcohol	7.12	79	466130	45.00	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	761075	40.98	ng		99
17) 2-Methylphenol	7.24	107	450758	43.06	ng		98
18) Hexachloroethane	7.51	117	211629	41.86	ng	#	84
19) n-Nitroso-di-n-propylamine	7.40	70	396949	42.39	ng		92
20) 3+4-Methylphenols	7.38	107	528100	42.21	ng		97
22) Acetophenone	7.40	105	690141	36.36	ng	#	98
24) Nitrobenzene	7.57	77	532420	36.19	ng		98
25) Isophorone	7.81	82	1017861	37.52	ng		99
26) 2-Nitrophenol	7.89	139	254455	38.68	ng	#	80
27) 2,4-Dimethylphenol	7.92	122	543490	42.63	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	653191	43.66	ng		98
29) 2,4-Dichlorophenol	8.13	162	456149	43.49	ng		93
30) 1,2,4-Trichlorobenzene	8.22	180	473607	41.42	ng		95
31) Naphthalene	8.30	128	1562998	40.96	ng		99
32) Benzoic acid	8.02	122	225092	34.99	ng		97
33) 4-Chloroaniline	8.33	127	192069	12.73	ng		98
34) Hexachlorobutadiene	8.41	225	248951	37.53	ng		98
35) Caprolactam	8.70	113	138545m	42.08	ng		
36) 4-Chloro-3-methylphenol	8.81	107	469239	40.46	ng		97
37) 2-Methylnaphthalene	8.98	142	964340	41.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	429149	40.61	ng		99
40) Hexachlorocyclopentadiene	9.14	237	527238	87.63	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	296989	41.74	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	297658	43.66	ng	#	88
45) 1,1'-Biphenyl	9.45	154	1208323	39.67	ng		98
46) 2-Chloronaphthalene	9.48	162	867164	39.03	ng		97
47) 2-Nitroaniline	9.57	65	300738	43.12	ng	#	77
48) Acenaphthylene	9.90	152	1446994	43.82	ng		97
49) Dimethylphthalate	9.75	163	1001616	39.37	ng		100
50) 2,6-Dinitrotoluene	9.81	165	206528	39.14	ng	#	85
51) Acenaphthene	10.07	154	996259	48.06	ng		98
52) 3-Nitroaniline	9.98	138	142376	22.72	ng		89
53) 2,4-Dinitrophenol	10.08	184	184537	73.88	ng	#	1
54) Dibenzofuran	10.24	168	1343844	49.94	ng		93
55) 4-Nitrophenol	10.13	139	377003	78.39	ng	#	58
56) 2,4-Dinitrotoluene	10.22	165	311794	43.86	ng	#	59
57) Fluorene	10.58	166	986141	46.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	257078	49.77	ng		96
59) Diethylphthalate	10.45	149	963861	39.53	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	488627	44.80	ng		88
61) 4-Nitroaniline	10.60	138	266460	45.36	ng		96
62) Azobenzene	10.73	77	1224974	49.72	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	153567	41.19	ng		80
65) n-Nitrosodiphenylamine	10.69	169	829478	41.18	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	302637	45.10	ng	#	83
67) Hexachlorobenzene	11.13	284	331285	43.73	ng	#	80
68) Atrazine	11.21	200	300606	48.92	ng		98
69) Pentachlorophenol	11.32	266	355539	79.98	ng		99
70) Phenanthrene	11.54	178	1554926	48.91	ng		98
71) Anthracene	11.59	178	1379351	38.64	ng		99
72) Carbazole	11.74	167	1294563	41.67	ng		98
73) Di-n-butylphthalate	12.07	149	1471473	39.79	ng	#	98
74) Fluoranthene	12.73	202	1560260	44.72	ng		92
76) Benzidine	12.85	184	486184	30.06	ng		99
77) Pyrene	12.96	202	1657664	45.39	ng		97
79) Butylbenzylphthalate	13.57	149	625013	40.42	ng	#	70
80) Benzo(a)anthracene	14.14	228	1307465	42.09	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	191850	19.76	ng	#	95
82) Chrysene	14.19	228	1267835	44.70	ng		97
83) Bis(2-ethylhexyl)phthalate	14.13	149	848420	47.52	ng		99
84) Di-n-octyl phthalate	14.75	149	1296383	48.91	ng		98
85) Indeno(1,2,3-cd)pyrene	17.11	276	975611	40.68	ng		99
87) Benzo(b)fluoranthene	15.19	252	1249110	48.11	ng	#	96
88) Benzo(k)fluoranthene	15.23	252	850966m	37.84	ng		
89) Benzo(a)pyrene	15.57	252	977281	44.76	ng	#	97
90) Dibenzo(a,h)anthracene	17.13	278	827834	42.09	ng		96
91) Benzo(g,h,i)perylene	17.56	276	804062	40.21	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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